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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/709,916	11/09/2000	Dragan Sretenovic	1521-190	3667

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EXAMINER

VU, THONG H

ART UNIT PAPER NUMBER

2142

DATE MAILED: 11/07/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/709,916

Applicant(s)

SRETENOVIC, DRAGAN

Examiner

Thong H. Vu

Art Unit

2142

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 13 October 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 10-26 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 10-26 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

1. Claims 1-9 are canceled. Claims 10-26 are pending.

Response to Arguments

2. Applicant's arguments, see pages 7-10, filed 10/13/05, with respect to Ankireddipally and Bowen have been fully considered and are persuasive. Therefore, the rejection has been withdrawn. However, upon further consideration, a new ground(s) of rejection is made in view of Bowen-Sitaraman references.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 10-26 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bowen et al [Bowen, 6,094,649] in view of Sitaraman et al [Sitaraman 6,718,332 B1].

3. As per claim 10, Bowen discloses a method using a computer system for automatically presenting values of variables obtained by a data engine from a selected type of device to a user interface in a human-understandable language, the system including for interfacing with a data dictionary containing information for translating the values of the variables in the native language of the device into the human-understandable language, and a data agent which is connected to the device, the method comprising the steps of:

requesting by the data engine (i.e.: a software module or database) from the data dictionary [Bowen, database in relations according to a data dictionary, col 7 line 52-col 8 line18];

obtaining, by the data engine, from the data agent, the values obtained by the data agent [Bowen, keys values, col 9 lines 24-38];

obtaining from the data dictionary the translating information [Bowen, data type conversion, col 12 lines 42-60];

translating, by the data engine, the obtained values into the human-understandable language (i.e.: GUI, HTML) using the translating information obtained from the data dictionary [Bowen, HTML, converted and displayed, col 16 lines 30-40];

presenting, by the data engine, to the user interface, the translated values in the human-understandable language [Bowen, HTML, converted and displayed, col 16 lines 30-40].

However Bowen doesnot explicitly detail

“the data dictionary “names of **variables** associated with the selected type of device” and “obtaining, by the data agent, based on the selected type of device values of the **variables**,”

It was well-known in the art that the dictionary contains different types of data, variables associated to the network environment. Sitaraman discloses a seamless importation of data between a source system to a target system via an information broker or Internet [Sitaraman, Internet, col 3 lines 19-40]; translates data [Sitaraman col

4 lines 21-43]a dictionary name location, attributes type location, application or protocol used by target system [Sitaraman, col 8 lines 5-15]

Therefore it would have been obvious to na ordinary skill in the art at the time the invention was made to incorporate the dictionary with name of variables /attributes associate with the target system as taught by Sitaraman into the Bowen's apparatus in or der to utilize the dictionary data. Doing so would decrease the cost of integrating a new system that uses to imported data [Sitaraman, col 1 lines 45-52].

4. As per claims 13,22 contain the similar limitations set forth in claim 10. Therefore claims 13,22 are rejected for the same rationale set forth in claim 10.

5. As per claim 11, Bowen-Sitaraman disclose automatically communicating with a data central (i.e.: database) which is external to the system, for obtaining the names of variables associated with the type of the device and the language of the type of the device when after communicating with the data dictionary the names of the-variables and/or the language of the type of the device are not available from the data dictionary, in order to facilitate translation of the values into the human-understandable language [Bowen, col 12 lines 16-28].

6. As per claim 12, Bowen-Sitaraman disclose automatically storing, in the data dictionary, the names of the variables associated with the type of the device and the

language of the type of the device obtained from the first data central [Bowen, col 12 lines 16-28].

7. As per claim 14, Bowen-Sitaraman disclose wherein if the names of the variables associated with the union of the network address and the selected data agent are not obtained from the data dictionary, communication is automatically established between the data dictionary and a data central for obtaining the names of the variables, the data dictionary being thereafter automatically updated with the names of the variables obtained from the data central as inherent feature of database backup and synchronize or update [Bowen, database 202, Fig 2].

8. As per claim 15, Bowen-Sitaraman disclose establishing communication between the data dictionary and the data central is via a hyper-text markup language link [Bowen, HTML, converted and displayed, col 16 lines 30-40].

9. As per claim 16, Bowen-Sitaraman disclose communicating with the data dictionary to obtain the names of the variables associated with the type of the device [Bowen, name and type, col 11 lines 1-10].

10. As per claim 17, Bowen-Sitaraman disclose establishing communication with the device to obtain values of the variables associated with the type of the device as inherent feature of selecting attributes [Bowen, col 15 lines 10-32].

11. As per claim 18, Bowen-Sitaraman disclose translating the names and the values of the variables into a language understandable by a human [Bowen, HTML, converted and displayed, col 16 lines 30-40].

12. As per claims 19-21,23-25 contain the similar limitations set forth in claims 14-16. Therefore claims 19-21,23-25 are rejected for the same rationale set forth in claims 14-16.

13. As per claim 26, Bowen-Sitaraman disclose the data dictionary and/or the data central are adapted to provide the names of the variables based upon a selected variable key [Bowen, name and type, col 11 lines 1-10].

Any inquiry concerning this communication or earlier communications from the examiner should be directed to examiner *Thong Vu*, whose telephone number is (571)-272-3904. The examiner can normally be reached on Monday-Thursday from 6:00AM-3:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, *Andrew Caldwell*, can be reached at (571) 272-3868. The fax number for the organization where this application or proceeding is assigned is 703-872-9306

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval IPAIRI system. Status information for published applications may be obtained from either Private PMR or Public PMR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Thong Vu
Primary Examiner
Art Unit 2142